



Grade 5

Who We Are

BODY SYSTEMS

Our body is made up of systems that are affected by the choices we make

Lines of inquiry:

- Different systems in our body
- How our body systems work
- How choices we make affect body systems

Unit dates: 6th January—14th February

Example learning engagements:

Work with bones finding out their make up; demonstrate the different body systems through “physical theatre”.

Field trip to Qatar University to visit science labs and learn about body systems.

Conduct an experiment to demonstrate the importance of consuming calcium.

Arabic:

Students will learn about the different systems and how they are related, especially digestive system. Students will learn about diabetes and obesity. Students will bring in healthy and unhealthy food and discuss how they affect our body.

French:

French – Learn sentences about each system. Learn vocabulary about food and health. Short description about body systems. Role play ailments and going to the doctor. Comic strips.

Mother Tongue:

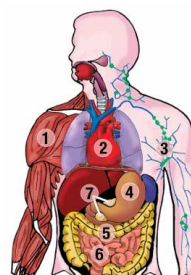
German: Students will learn the vocabulary about body systems and study a famous German doctor.

Spanish: Students will learn vocabulary about nutrition.

Students will learn about diet and diabetes. Students will create a balanced diet.

P.E.

Explore and learn about the effects of exercise on the body. Learn about pulse rate and how to take pulse. Why does skin temperature increase? Investigate respiratory rate. How does the body cool itself? The truth behind energy drinks. Identify muscle groups being used during different activities .



Key Concepts:

Function
Connection
Responsibility

Learner Profile

Inquirer
Balanced
Reflective

Attitudes

Confidence
Independence
Commitment

Unit vocabulary

circulatory	systems
respiratory	aorta
digestion	carbon dioxide
skeleton	ventricle
muscle	esophagus
exercise	muscular
marrow	cartilage
diaphragm	

Summative Assessment

In groups students will research a body system and prepare a display board to show their knowledge and understanding of how the system works, and how it is affected by the choices we make.

Students will also role play how their chosen body system works. They will create their own informative Readers Theatre script to show their understanding.

Transdisciplinary Skills outline

This unit focuses heavily on communication and research skills.

Throughout the unit, opportunities will be given for the students to practice their speaking skills and cooperation skills. Research skills

will include planning, and collecting information from a variety of first-hand and secondary sources (such as books, websites, people and diagrams). They will record data in a variety of ways including note-taking, paraphrasing, diagrams and images.



How parents can help

Since this unit is about healthy lifestyles, we will be focusing on what they bring into school for break. Grade 5 has a wiki space where there are numerous websites to help with your child's progress in language, maths and unit of inquiry. We strongly recommend that your child regularly visit the wiki space for added practice and supplementary information. Please ensure that your child's homework is completed to the best of their ability and sign the homework book.

Wiki Address

The Grade 5 Team.

1. Got to www.islqatar.wikispaces.com
2. Click on Primary Wikis
3. Click on G5